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File 347:JAPIO Dec 1976-2009/Jul(Updated 091030)

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File 350:Derwent WPIX 1963-2009/UD=200970

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Set	Items	Description
S1	145957	{RESTOR??? OR RECONNECT??? OR REESTABLISH??? OR RE{}(STOR- ??? OR CONNECT??? OR ESTABLISH???) (3N) (LOG??? OR CONNECTION OR SESSION? ? OR INTERCONNECTION? ? OR INTER{}CONNECTION? ? OR - LINK? ?)}
S2	5873	S1(5N) (AUTOMATIC? OR AUTOMAT??? OR DYNAMIC? OR REAL{}TIME - OR REALTIME OR INSTANT? OR IMMEDIAT?)
S3	2904	{INTERNET OR ONLINE OR ON{}LINE OR WEB???? OR VIRTUAL} (2N)- (GATEWAY? ? OR GATE{}WAY? ?)
S4	0	S2(20N)S3
S5	12591	(LOGOFF OR LOGOUT OR LOG????) (OFF OR OUT) OR TIMEOUT OR T- IME{}OUT)
S6	0	S2 AND S3
S7	33	S1 AND S3
S8	1	S7 AND S5
S9	44348	(CLOSE? ? OR CLOSING OR EXIT??? OR TERMINAT??? OR CANCEL??- ?? OR ABORT??? OR CRASH??? OR SUSPEND??? OR SUSPENSION OR FAI- L??? OR FAULT? ?) (3N) (LOG??? OR CONNECTION OR SESSION? ? OR I- NTERCONNECTION? ? OR INTER{}CONNECTION? ? OR LINK? ?)
S10	56506	S9 OR S5
S11	5	S10 AND S7

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**Subject summary**

? 1/ 3,k/ all

**Dialog eLink:** [Order File History](#)

11/3,K/1 (Item 1 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0019079677 *Drawing available*

WPI Acc no: 2009-J49386/200935

**Data file transmission method for mobile phone system, involves transmitting data files to mobile phone system by peer to peer network, and transmitting inquiry of user mobile and maintenance request of meta information to index server**

Patent Assignee: GUANGZHOU SHANGJI NETWORK SCI&amp;TECHNOLOGY CO LTD (GUAN-N)

Inventor: CHEN Y; GE Y; JIANG K; LU T; TANG Y; WANG L; ZHANG J; ZHOU Y

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
CN 101426019	A	20090506	CN 200710168061	A	20071030	200935	B

Priority Applications (no., kind, date): CN 200710168061 A 20071030

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
CN 101426019	A	ZH	44	32	

Original Publication Data by AuthorityArgentina**Publication No.** ...**Claims:**of mobile terminal and each server; connection between each server system; connection of the portal **gateway** and **Internet**; and a resource partition policy suitable for block size of the mobile network is established... ..to regularly report online information to the ES server, certain MP needs to report a **re-connection** message to ES when re-connecting after disconnection, MP also needs to transmit request information...table are destroyed; (4) a determination message is transmitted to IS and corresponding Socket is **closed**; (XI) algorithmic **logic** of the synchronized seed number/downloader number module comprises: (1) counting user type field of...

**Dialog eLink:** [Order File History](#)

11/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350: Derwent WPIX

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0017252426 *Drawing available*

WPI Acc no: 2008-A72857/200805

XRPX Acc No: N2008-056806

**Client/ server socket state information saving method for use in e.g. tape, involves receiving data message by network connected computing apparatus, and storing socket information for re-establishing identified socket**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC)

Inventor: FARMER J V; GAMBINO M R

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20070233822	A1	20071004	US 2006396778	A	20060403	200805	B

Priority Applications (no., kind, date): US 2006396778 A 20060403

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20070233822	A1	EN	12	5	

**Alerting Abstract** ... number, transfer control protocol sequence number, transfer control protocol acknowledgment number, router, stateful firewall, intelligent **gateway**, and **Internet** protocol version, used in a recoverable storage e.g. disk, nonvolatile cache, tape, random access... .. information related to socket data

prior to node failures, thus allowing remote client application to **reconnect** the apparatus without manual intervention of the apparatus in the network... Original Publication Data by AuthorityArgentina**Publication No.** ...**Original Abstracts:**transactions as soon as the server side becomes active rather than waiting for a long **timeout** condition or for programmed or human intervention on the client/network side. ...**Claims:**an identified socket; andstoring socket information, carried with the message, that is capable of **reestablishing** the identified socket after a restart of the apparatus.

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11/3,K/3 (Item 3 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0015782271 *Drawing available*

WPI Acc no: 2006-343673/200635

XRPX Acc No: N2006-291229

**Communication relay method for mobile telephone, involves performing call back of S-P gateway through internet protocol network from receiving terminal, when call from gateway to terminal is disconnected before occurrence of charge of call**

Patent Assignee: FUJITSU LTD (FUIT)

Inventor: FUJINO N; FUKUTA S; MORI S

Patent Family ( 5 patents, 107 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
WO 2006048925	A1	20060511	WO 2004JP16265	A	20041102	200635	B
EP 1809010	A1	20070718	EP 2004799468	A	20041102	200748	E
			WO 2004JP16265	A	20041102		
JP 2006542195	X	20080522	WO 2004JP16265	A	20041102	200836	E
			JP 2006542195	A	20041102		
US 20080212764	A1	20080904	WO 2004JP16265	A	20041102	200859	E
			US 2007797363	A	20070502		
TW 200616480	A	20060516	TW 2004133326	A	20041102	200951	NCE

Priority Applications (no., kind, date): WO 2004JP16265 A 20041102; TW 2004133326 A 20041102

Patent Details						
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes	
WO 2006048925	A1	JA	57	21		
National Designated States,Original	AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW					
Regional Designated States,Original	AT BE BG BW CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IS IT KE LS LU MC MW MZ NA NL OA PL PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW					
EP 1809010	A1	EN			PCT Application	WO 2004JP16265
					Based on OPI patent	WO 2006048925
Regional Designated States,Original	DE FR GB					
JP 2006542195	X	JA	51		PCT Application	WO 2004JP16265
					Based on OPI patent	WO 2006048925
US 20080212764	A1	EN			Continuation of application	WO 2004JP16265
TW 200616480	A	ZH				

**Communication relay method for mobile telephone, involves performing call back of S-P gateway through internet protocol network from receiving terminal, when call from gateway to terminal is**

**disconnected before occurrence... Alerting Abstract** ...NOVELTY - The method involves performing call back of S-P gateway through an internet protocol (IP) network or public switched telephone network (PSTN) from receiving terminal, when call from... Original Publication Data by AuthorityArgentinaPublication No. ...**Original Abstracts**:to the caller terminal. In addition to this "callback method", the present invention further provides "reconnection method", "reconnection plus call-again method", and "call-again method", thus offering four types of methods... to the caller terminal. In addition to this "callback method", the present invention further provides "reconnection method", "reconnection plus call-again method", and "call-again method", thus offering four types of methods... connected to the calling terminal (101). The present invention has proposed four systems, which include "Reconnection System", "Reconnection Plus Recall System" and "Recall System" in addition to the "Call Back System... **Claims**:forwarding a first connection request from the first calling device to the second calling device;**canceled** the forwarded first connection request;receiving a second connection request from the second calling device that has received the... forwarding a first connection request from the first calling device to the second calling device; **canceled** the forwarded first connection request; receiving a second connection request from the second calling device that has received the...

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11/3,K/4 (Item 4 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0014750659 *Drawing available*

WPI Acc no: 2005-098290/200511

XRPX Acc No: N2005-085198

**Layer three ISDN message backhauling method for communication system, involves setting backhaul link conforming to transmission control protocol, and monitoring link failure using messages conforming to user datagram protocol**

Patent Assignee: NORTEL NETWORKS LTD (NELE)

Inventor: COUILLAUD P; PUJIC M D; TELKE C S

Patent Family ( 1 patents, 1 countries )							
Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 6839344	B1	20050104	US 2000738983	A	20001219	200511	B

Priority Applications (no., kind, date): US 2000738983 A 20001219

Patent Details					
Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 6839344	B1	EN	20	11	

...method for communication system, involves setting backhaul link conforming to transmission control protocol, and monitoring link failure using messages conforming to user datagram protocol

**Alerting Abstract** ...process (26) (ASP) in conformance with a transmission control protocol (TCP) by a gateway. A failure of the link is monitored using heartbeat messages in conformance with the user datagram protocol. The link is re-established if the failure is detected by the gateway. A TCP reset segment is send to... Original Publication Data by AuthorityArgentinaPublication No. ...**Original Abstracts**:provisioned number of consecutive UDP packets do not arrive from the other device, then a failure of the backhaul link is declared. The signalling gateway then attempts to re-establish the backhaul link. ...**Claims**:Integrated Services Digital Network (ISDN) message from a gateway to an Application Server Process (ASP) over an Internet Protocol (IP) based network, the gateway receiving the Layer Three ISDN message from an ISDN based network, the method comprising the steps... gateway and the ASP in conformance with a Transmission Control Protocol; and monitoring for a failure of the backhaul link by using heartbeat messages in conformance with a User Datagram Protocol (UDP).

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11/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350: Derwent WPIX

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0013566328 *Drawing available*

WPI Acc no: 2003-660599/200362

XRPX Acc No: N2003-526887

**Public switched telephone network and Internet protocol gateway, has hardware blocks of interface unit or processing unit that are switched to either public switched telephone or internet protocol**

**network**

Patent Assignee: FUJITSU LTD (FUIT); HIKIDA K (HIKI-I); NISHI H (NISH-I); YAMADA K (YAMA-I)

Inventor: HIKIDA K; HIKITA K; NISHI H; YAMADA K; KAWACHI H

Patent Family ( 4 patents, 3 countries )

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
US 20030118039	A1	20030626	US 2002317552	A	20021212	200362	B
JP 2003188986	A	20030704	JP 2001382541	A	20011217	200362	E
CN 1427592	A	20030702	CN 2002153036	A	20021129	200363	E
CN 1217515	C	20050831	CN 2002153036	A	20021129	200647	E

Priority Applications (no., kind, date): JP 2001382541 A 20011217

## Patent Details

Patent Number	Kind	Lan	Pgs	Draw	Filing Notes
US 20030118039	A1	EN	18	10	
JP 2003188986	A	JA	13		

**Public switched telephone network and Internet protocol gateway, has hardware blocks of interface unit or processing unit that are switched to either public...** Original Publication Data by AuthorityArgentinaPublication No. ... **Original Abstracts:**units from a maintenance system or the like by a single MAC address and autonomously **restoring** the system from **failure** due to a **software logic** conflict and a function block for preventing file destruction are provided. **Claims:**What is claimed is:1. A gateway for connecting a public switched telephone network (PSTN) and an Internet Protocol (IP) network, comprising:an interface unit with the PSTN,an interface unit with the...

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